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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/680,475	10/07/2003	Doug Wong	NOR-033 (16137RO)	5204

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GUERIN & RODRIGUEZ, LLP  
5 MOUNT ROYAL AVENUE  
MOUNT ROYAL OFFICE PARK  
MARLBOROUGH, MA 01752

EXAMINER
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NGUYEN, QUYNH H

ART UNIT	PAPER NUMBER
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2614

MAIL DATE	DELIVERY MODE
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09/26/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/680,475

Applicant(s)

WONG ET AL.

Examiner

Quynh H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 07 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11 is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10/7/03 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Huth et al. (U.S. Patent 5,434,752).

As to claim 1, Huth et al. teach the steps of:

a housing (Fig. 1, 12);

a persistent memory for storing data (col. 4, lines 56-58) associated with a system having a backplane (Fig. 1, backplane 18); and

a module connector for coupling to and removal from the backplane connector (col. 4, lines 22-25), the module connector and the housing defining an enclosure surrounding the persistent memory, the module connector electrically connecting the persistent memory to the backplane connector (col. 4, lines 18-61).

As to claim 2, Huth et al. teaches the housing has an outer surface, (Fig. 1), and a ridged portion for grasping the system identification when coupled or removed from the backplane connector (col. 5, lines 16-30).

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As to claim 3, Huth et al. teaches a shelf processor controlling the programming of the memory and the reading of data from the memory (col. 4, line 45 through col. 5, line 2).

As to claim 8, Huth et al. teaches address information, data and power are transmitted to the memory over a single input pin (col. 4, lines 18-61).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Huth et al. (U.S. Patent 5,434,752) in view of Kaiser et al. (US Patent 4,742,475).

As to claims 4-6, Huth et al. does not teach the persistent memory device is a 2-pin erasable programmable read-only memory device.

Kaiser et al. teaches the memory device is a 2-pin erasable programmable read-only memory device (col. 15, lines 23-39).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Kaiser into the teachings of Huth for the purpose of having a more efficient system and unable to change the contents of the PROM.

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5. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Huth et al. (U.S. Patent 5,434,752).

As to claim 7, Huth et al. does not teach a partitioned memory configured to receive data according predefined data fields. It would have been obvious to one of ordinary skill in the art at the time the invention was made that memory are configured into partitioned for best stored and retrieval of data.

6. Claims 9-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Huth et al. (U.S. Patent 5,434,752) in view of Cloutier et al. (US Patent 6,920,527).

As to claims 9-10, Huth et al. does not teach the module connector comprises an RS-232 serial connector.

Cloutier et al. teaches teach the module connector comprises a serial connector (col. 2, lines 34-50), and It would have been obvious to one of ordinary skill in the art that serial connector is RS-232.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Cloutier into the teachings of Huth in order to have a more efficient and better system.

#### ***Allowable Subject Matter***

7. Claim 11 is allowed.

As to claim 11, prior arts of record fail to teach, or render obvious, alone or in combination a communications shelf comprising: a backplane having a backplane

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connector; a plurality of communications cards in communication with each other through the backplane; and a system identification module coupled to the backplane through the backplane connector, the system identification module comprising: a housing; a persistent memory for storing system specific data associated with the communications shelf; and a module connector for coupling to and removal from the backplane connector, the module connector and the housing defining an enclosure surrounding the persistent memory, the module connector electrically connecting the persistent memory to the backplane connector.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Andrews (US Patent 5,911,121) teaches method and apparatus for automatically configuring a control program for a mobile radio communication device.

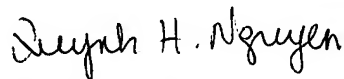
Ehara (US Patent 5,414,753) teaches number assignment module setting system for portable telephone set.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 571-272-7489. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on 571-272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**Quynh H. Nguyen**  
**Primary Examiner**  
**Art Unit 2614**